

06349580 HAY CREEK AT 43RD AVENUE NEAR BISMARCK, ND

Lake Oahe Basin
Apple Subbasin

LOCATION.--Lat 46°51'09", long 100°45'30" referenced to North American Datum of 1927, in NW ¼ NW ¼ NE ¼ sec.22, T.139 N., R.80 W., Burleigh County, ND, Hydrologic Unit 10130103, on left bank on downstream side of bridge on 43rd Avenue north of Bismarck and approximately 0.5 mi east of Highway 83.

DRAINAGE AREA.--20.74 mi², approximately.

SURFACE-WATER RECORDS

GAGE.--Datum of gage is 1,725.68 ft above National Geodetic Vertical Datum of 1929.

EXTREMES FOR PERIOD OF RECORD.--Water years 2002 to 2013 (discontinued). Operated as a seasonal discharge station from June 2002 to September 2007.

| PERIOD OF RECORD MAXIMUM | | |
|--------------------------|------------------|--------------------------------|
| Date | Gage height (ft) | Discharge (ft ³ /s) |
| 03-22-09 | a 8.09 | b 400 |

EXTREMES FOR CURRENT YEAR.--October 2012 to September 2013

| WATER YEAR MAXIMUM | | |
|--------------------|------------------|--------------------------------|
| Date | Gage height (ft) | Discharge (ft ³ /s) |
| 03-30-13 | a 6.76 | c |
| 05-30-13 | 7.50 | 270 |
| 06-22-13 | 7.02 | 190 |

a - Backwater from ice; b - Approximately; c - Less than water year maximum.